

Converting Colors

CIELCh(72, 6.066, 88.009)

Have a look what the booklet for
CIELCh(72, 6.066, 88.009) contains.

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Color

CIELCh(72, 6.384, 88.334)

Conversions

Conversions Part 1

Format	Color
Hex	B6B0A5
RGB	182, 176, 165
RGB Percent	71%, 69%, 65%
CMY	0.2867, 0.3102, 0.3533
CMYK	0.00, 0.03, 0.09, 0.29
HSL	39°, 10%, 68%
HSV	39°, 9%, 71%
XYZ	41.5575, 43.6590, 41.7879
YIQ	176.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

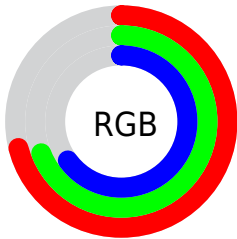
Format	Color
RYB	174, 182, 165
Decimal	11972773
CIELab	72.00, 0.19, 6.38
CIELCh	72, 6.384, 88.334
Yxy	43.6590, 0.3272, 0.3438
Android (android.graphics.Color)	4290162853 (0xFFB6B0A5)
YUV	176.5400, -5.6892, 4.7884
Hunter-Lab	66.0750, -3.3645, 8.7556

Details

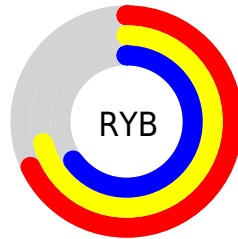
The CIELCh color $72, 6.384, 88.334$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 6.371, 270.795$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.539, 90.143$, and $52, 6.678, 91.262$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.383, 87.092$, and if you desaturate by 10%, it is $74, 0.451, 270.150$.

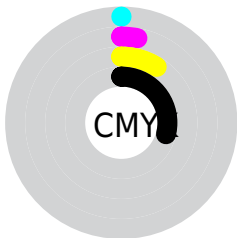
Distribution



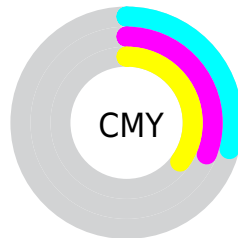
- Red (71%)
- Green (69%)
- Blue (65%)



- Red (68%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.384, 88.334 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 72, 6.384, 88.334 by changing the saturation by 10% instead.

 72, 6.384, 88.334

 72, 6.384, 88.334

 100, 6.384, 88.334

 62, 6.384, 88.334

 92, 6.384, 88.334

 52, 6.384, 88.334

 42, 6.384, 88.334

 32, 6.384, 88.334

 22, 6.384, 88.334

 12, 6.384, 88.334

 2, 6.384, 88.334

 0, 6.384, 88.334

 72, 6.384, 88.334

 72, 6.384, 88.334

70, 13.383, 87.092

74, 0.451, 270.150

68, 20.536, 85.779

76, 7.130, 270.843

66, 27.821, 84.424

79, 13.661,
271.964

64, 35.176, 83.028

81, 20.056,
273.044

62, 42.475, 81.579

60, 49.476, 80.045

83, 25.904,
273.689

58, 55.749, 78.353

85, 23.381,
265.748

57, 60.636, 76.366

55, 63.804, 73.999

86, 21.393,
256.221

88, 20.084,
245.222

90, 19.571,
233.295

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72, 6.384, 88.334



70, 6.371, 270.795

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 6.384, 88.334



72, 6.384, 138.334



72, 6.384, 268.334



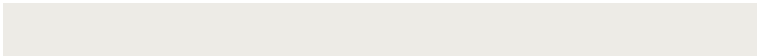
72, 6.384, 318.334

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72, 6.385, 88.351



93, 2.517, 89.056



69, 7.331, 352.309



50, 1.927, 88.981



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 6.385, 88.351



91, 9.346, 88.125



73, 9.219, 114.705



38, 3.900, 88.351



47, 57.028, 74.248



6, 9.511, 78.125

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 6.371, 270.795



88, 9.313, 271.050



68, 9.415, 296.156



36, 3.892, 270.795



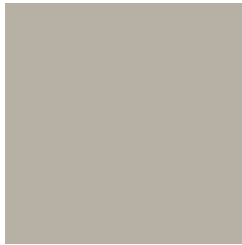
27, 64.613, 294.968



3, 11.629, 276.783

Previews

White Background



This preview shows how the CIELCh color 72, 6.384, 88.334 looks on a white background.

Color Contrast Check

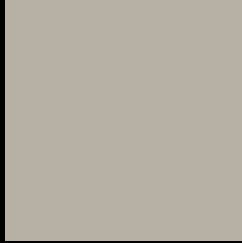
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 6.384, 88.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

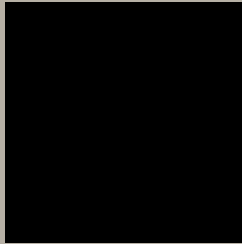
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

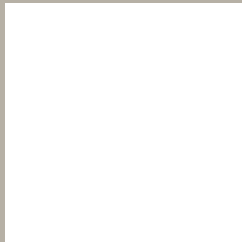
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.384, 88.334

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.384, 88.334.

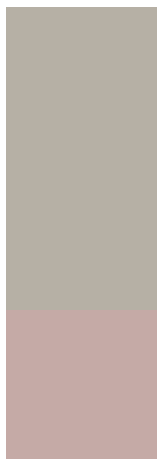


This preview shows how white text looks on a background with the CIELCh color 72, 6.384, 88.334.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72, 6.384, 88.334

Protanopia

72, 6.384, 88.334

Deuteranopia

72, 10.756, 31.825



Tritanopia
72, 8.400, 322.676

Trichromacy



Original Color
72, 6.384, 88.334

Protanomaly
72, 6.384, 88.334

Deuteranomaly
72, 8.423, 42.614

Tritanomaly
72, 4.363, 349.798

Monochromacy



Original Color
72, 6.384, 88.334

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.286, 90.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.384, 88.334 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(182, 176, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 176, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.384, 88.334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 176, 165) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(182, 176, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(182, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(182, 176,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.384, 88.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 176, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
176, 165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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